

Local Government Advisory Committee EPA/CBP Program Update

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Chesapeake Bay Program
Science. Restoration. Partnership.

Discussion Topics

1. FY 2019-2020 Bay Program Funding

- Overview
- Local Implementation Funds
- Small Watershed and Innovative Nutrient and Sediment Reduction Grants

2. Conowingo Watershed Implementation Plan Request For Applications (RFA) Issuance



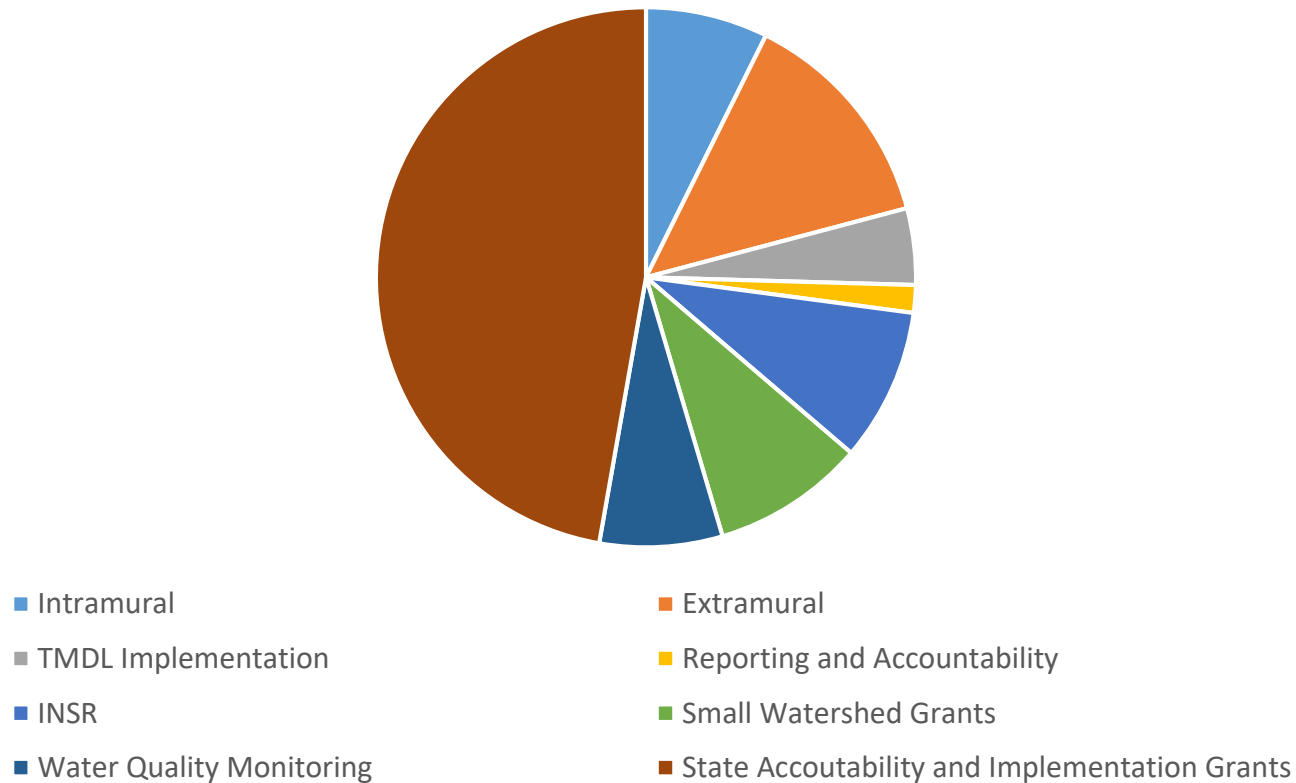
CHESAPEAKE BAY FUNDING

(Dollars in millions)

Fiscal Year	PresBud	Total Enacted
2008	\$ 28.80	\$ 30.50
2009	\$ 29.00	\$ 31.00
2010	\$ 35.10	\$ 50.00
2011	\$ 62.90	\$ 54.40
2012	\$ 67.40	\$ 57.30
2013	\$ 72.60	\$ 54.30
2014	\$ 73.00	\$ 70.00
2015	\$ 73.10	\$ 73.00
2016	\$ 73.00	\$ 73.00
2017	\$ 70.00	\$ 73.00
2018	\$ 0.00	\$ 73.00
2019	\$ 7.30	\$ 73.00
2020	\$ 7.30	

EPA Chesapeake Bay Program Office Funding \$65,525,000

FY18 Funding



- **Chesapeake Bay Implementation grants (CBIG)** are for the purpose of implementing the management mechanisms established under the *2014 Chesapeake Bay Watershed Agreement* goals and outcomes, with particular emphasis on state programs for control and abatement of nonpoint source nutrient and sediment pollution. (Started in FY1987)
- **Chesapeake Bay Regulatory and Accountability grants (CBRAP)** aid the six states and DC in implementing and expanding their jurisdictions' regulatory, accountability, assessment, compliance, and enforcement capabilities in support of reducing nitrogen, phosphorus, and sediment loads delivered to the Bay to meet the Water Quality Goal of the *2014 Chesapeake Bay Watershed Agreement* and the Bay TMDL. (Started in FY2010)
- **Local government grant funding** provides increased funding for local governments to reduce nitrogen, phosphorus, and sediment loads to the Chesapeake Bay, consistent with the Bay watershed jurisdictions' WIPs. (Started in FY2014)
- **Water Quality Monitoring grants** support the characterization of water and habitat quality and benthic community conditions for the main stem Chesapeake Bay and its tidal tributaries, as well as the non-tidal watershed, through assessing changes in nutrient and sediment loads and providing data analysis and interpretation to identify status and trends of water quality and living resources. (Started in FY1984)

CBRAP and Conowingo WIP Funding Adjustments Summary

CBRAP Phased-in Funding Adjustments* Without Conowingo Adjustments

FY	2018	2019	2020	2021	2022-2025	Change in Funding from 2018	Phase-in Change Each Year
DC	\$ 723,036	\$ 723,036	\$ 724,758	\$ 726,481	\$ 728,203	\$ 5,167	\$ 1,722
Delaware	\$ 820,465	\$ 820,465	\$ 805,601	\$ 790,737	\$ 775,873	\$ (44,592)	\$ (14,864)
Maryland	\$ 2,758,047	\$ 2,758,047	\$ 2,686,520	\$ 2,614,992	\$ 2,543,465	\$ (214,582)	\$ (71,527)
New York	\$ 1,007,224	\$ 1,007,224	\$ 963,443	\$ 919,663	\$ 875,882	\$ (131,342)	\$ (43,781)
Pennsylvania	\$ 2,666,819	\$ 2,666,819	\$ 2,915,028	\$ 3,163,237	\$ 3,411,446	\$ 744,627	\$ 248,209
Virginia	\$ 2,552,098	\$ 2,552,098	\$ 2,434,364	\$ 2,316,630	\$ 2,198,896	\$ (353,202)	\$ (117,734)
West Virginia	\$ 672,311	\$ 672,311	\$ 670,286	\$ 668,260	\$ 666,235	\$ (6,076)	\$ (2,025)

Total \$ 11,200,000 \$ 11,200,000 \$ 11,200,000 \$ 11,200,000 \$ 11,200,000

*Each jurisdiction will have the flexibility to apply any funding adjustments up to 50% to either its CBRAP or CBIG annual grant award with prior approval from CBPO's Dep. Dir.

CBIG Funding No Change			Local Government Funding** No Change			Conowingo Funding*** Annual Cost Share	
FY	2018	2019-2025	FY	2018	2019-2025	FY	2019-2025
DC	\$ 1,250,000	\$ 1,250,000	DC	\$ 322,784	\$ 322,784	DC	\$ -
Delaware	\$ 1,250,000	\$ 1,250,000	Delaware	\$ 366,000	\$ 366,000	Delaware	\$ 8,791
Maryland	\$ 2,515,700	\$ 2,515,700	Maryland	\$ 1,231,270	\$ 1,231,270	Maryland	\$ 48,352
New York	\$ 1,250,000	\$ 1,250,000	New York	\$ 449,654	\$ 449,654	New York	\$ 8,791
Pennsylvania	\$ 2,515,700	\$ 2,515,700	Pennsylvania	\$ 1,190,544	\$ 1,190,544	Pennsylvania	\$ 90,934
Virginia	\$ 2,515,700	\$ 2,515,700	Virginia	\$ 1,139,329	\$ 1,139,329	Virginia	\$ 37,912
West Virginia	\$ 1,250,000	\$ 1,250,000	West Virginia	\$ 300,139	\$ 300,139	West Virginia	\$ 5,220

**There are no changes to the jurisdictions' allocations of Local Government Funding in FY19. None of the funding adjustments are to be applied to the Local Government Funding allocations.

***Jurisdictions have the flexibility to apply all their funding adjustment for the Conowingo against either their CBRAP or CBIG grants.

EPA makes no commitment of annual funding amounts for any fiscal year(s), as funds may be limited based on funding availability, satisfactory performance, Agency priorities, contributions from other state and federal agencies, partners, and organizations, and other applicable considerations.



FY19 Funds of Interest to Support Restoration at the Local Level

• Local Government Implementation	\$5 million
• Small Watershed Grants	\$6 million
• Innovative Nutrient and Sediment Reduction	\$6 million
• High Resolution Land Cover	\$1.2 million
• Integration of Citizen Monitoring	\$469K
• Environmental Finance	\$285K
• Conowingo	\$250K

Local Government Implementation Funding

- For Fiscal Year 2018
 - ✓ CBIG total: \$3,506,678
 - ✓ CBRAP Total: \$1,493,042
- Types of projects included:
 - Outreach and education
 - Pervious parking lots
 - Green roofs
 - Farmers and landowner assistance
 - Wetland restoration

District of Columbia - \$322,784

- RiverSmart
 - Green Roofs
- Meaningful Watershed Education experiences

Delaware - \$366,000

- Construction of Wetlands
- Installation of water control structures
- Tree Plantings

Maryland - \$1,231,270

- Competitively awarded through Chesapeake Bay Trust for a variety of BMPs and design and planning
- Service Contracts
 - Watershed planning
 - Project Design and programmatic enhancement

New York - \$449,654

Provided to the Upper Susquehanna Coalition for:

- Outreach
- Education
- Project planning
- Data collection
- Project support

Pennsylvania - \$1,190,544

- EPA has allocated FY18 funding but not yet provided those funds to PA.
- Previous year funding was used for projects to localities including:
 - Rain gardens
 - Basin Retrofits
 - Stream restoration
 - Riparian Forest Buffers

Virginia - \$1,139,329

- Regional watershed roundtables
- Resource Management Plans
- Small Parcel Urban Costshare Program
- Phase III WIP local engagement, development, and evaluation activities

West Virginia - \$300,139

- Capital improvement plans identifying opportunities to incorporate green infrastructure retrofits
- Variety of projects that reduce nutrients and sediment

Grants to Support Local Gov't Implementation

Focus	Innovative Nutrient and Sediment Reduction	Small Watershed Grants – Implementation	Small Watershed Grants – Planning
Project Focus	Regional-scale programs, partnerships, and collaboratives capable of scaling up water quality improvements	On-the-ground actions to protect and restore water quality, species, and habitats in the Bay watershed	Enhancing local capacity to implement future on-the-ground actions through assessment, planning, design, and other technical assistance-oriented activities
Award Size	\$500,000 – 1,000,000	\$20,000 – 200,000	\$0 – 50,000
Match Requirements	1:1	One-third of grant request	None
Eligible Grantees/ Beneficiaries	State agencies, academic institutions, local governments , nonprofits, tribes	Local governments , nonprofits, tribes	Local governments , nonprofits, tribes
Evaluation Criteria	<ul style="list-style-type: none"> - NPS Load Reductions - Geographic Scale - Project Context - Partnership Growth and Maturation - Partnership and Community Engagement - Transferability - Technical Merit, Workplan, and Budget 	<ul style="list-style-type: none"> - Environmental Results - Project Location - Project Context - Partnership and Community Engagement - Transferability - Technical Merit, Workplan, and Budget 	<ul style="list-style-type: none"> - Priority and Overall Context - Demonstrated Need - Commitment to Implementation - Partnership and Community Engagement - Technical Merit, Workplan, and Budget

INSR Program Adaptations

Background

- Multiple studies validate “regional-scale” projects and programs deliver largest WQ impact
- Evidence of collaborative and partnership-based models as critical to regional-scale frameworks

Program Changes (c. 2018)

- Limited funding to enhancing and expanding impact of existing “regional-scale” projects and programs
- Accelerated implementation of proven BMPs at scale
- Reduced emphasis on innovative technologies
- New pre-proposal process to better curate high-impact projects

Add'l Non-Grant Resources for Local Gov't

Technical Assistance

- Expanded NFWF field liaison capacity to assist in project and proposal development
 - NFWF wants guidance on how best to offer and allocate field liaison assistance at the local level
- Chesapeake Stormwater Training Partnership for municipal staff

Networking and Information Sharing

- Annual Local Government Forum
- Watershed-wide and regional fora for advancing tailored local solutions to watershed improvement
- Municipal Online Stormwater Training Center (MOST)



Conowingo Watershed Implementation Support

- Activity 1 – Facilitate development and implementation of the Conowingo WIP and 2 year milestones
 - Awardee – Center for Watershed Protection Inc.
- Activity 2: Develop and propose a comprehensive Conowingo WIP financing strategy and associated implementation plan
 - Awardee – Chesapeake Bay Trust
- Activity 3: Tracking, verifying, and reporting implementation of Conowingo WIP and 2 year milestones
 - Awardee – Chesapeake Conservancy

Questions?

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Fiscal Year 2018 Enacted Chesapeake Bay Program Office Funding

Intramural	\$4,801,000
Extramural	\$8,878,000
Operational Support	\$2,000,000
Partnership Support	\$3,878,000
Data Management	\$3,000,000
TMDL Implementation	\$3,000,000
Reporting and Accountability	\$1,085,000
Innovative Nutrient & Sediment Reduction Grants	\$6,000,000
Small Watershed Grants	\$6,000,000
Water Quality Monitoring Grants	\$4,818,000
State Accountability and Implementation Grants	\$30,943,000
Total	\$65,525,000